Enhancer Region

CaMV 1841

7334   7394

A[†TGATGTGATATCTCCACTGACGTAAG-GGATGACGCAC--AATCCCACTATCCTTCCGAAGACC
     ***** * **** *** **** ** **   * ****   * ****   * ****

CCATGTGGAAGC-CCACTCCACAAACGCGTATTACGAACGCAGTGACGACATCCACTC-AAGA--]B
** ***-******* * ****** ** ********** ***** **** ---

TGTCCTGACAGC-CCACTCCACTCAATGCGTATGCGACGAACGCAGTGACGA---CCACAA-AAGA---

FMV DxS 6831   6887

TATA Region

CaMV 1841

     7432
7395

A[CTTCC--TCTATATAAGGAAG--TTCATTT-CATTTGGA-GAGG
     **** ****** *   ** ***** **

ATTCCATCTATTAAAGACGGATTCATTCCCATTGAA-GATC]B
***** *   * ********** ****

ATTCCCTCTATATAAGAAGGCATTCATTCCCATTTGAAGGATC

6888 ‡   **6930**

FMV DxS

C

6000   6100   6200   6300   6400   6500   6600   6700   6800   6900   7000

EcoRI   XhoI   PstI   EcoRI   BamHI
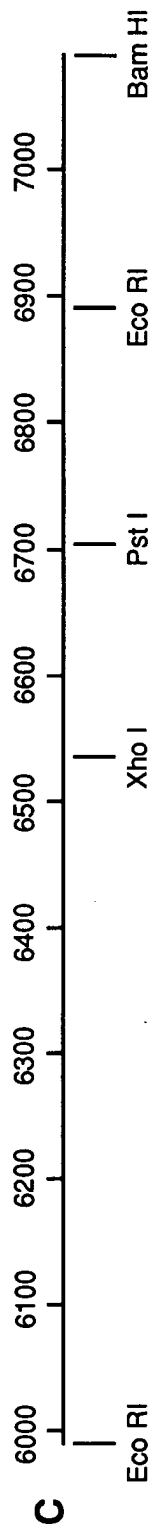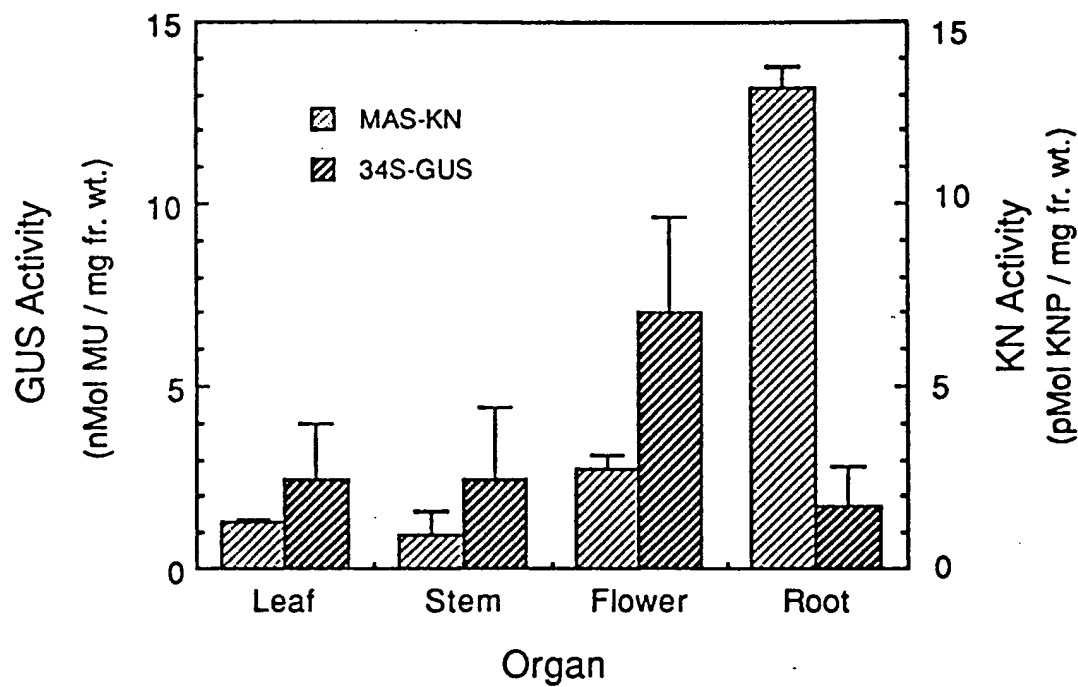
FIGURE 1
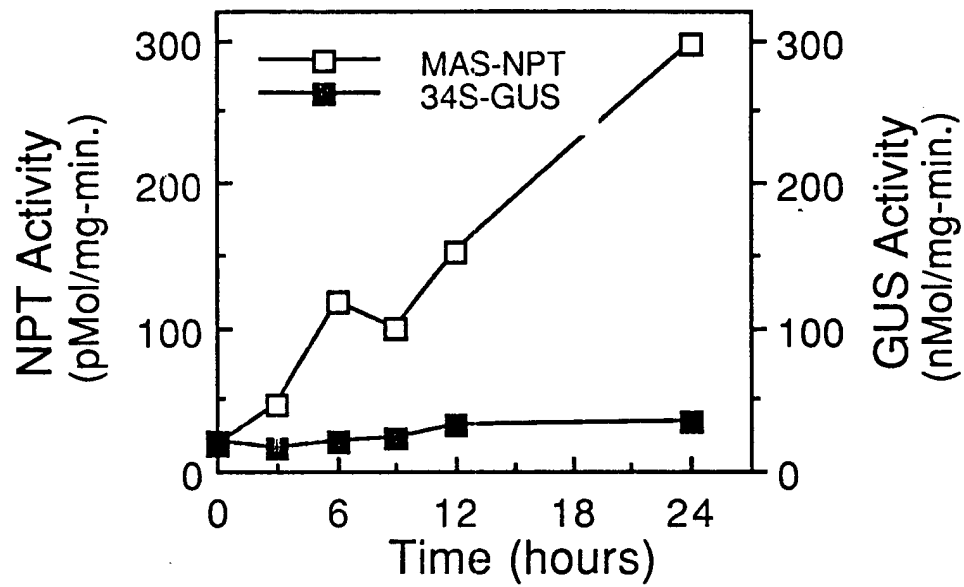
FIGURE 2

FIGURE 3

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   1  GAATTCAGAC  AAATTTGGGA  AAAATCCAGA  TTATCTGATC  TTGAAGATGG  AGTCGCTGAA    60
  61  AAATTCTACA  CAGAAGATAA  AGCTACAAAA  TCCCTCTTCA  CATTCACAGA  AAATGCAGAA   120
 121  CCATATCTTG  TTCATGCAGC  TTTCCGTGCA  GGATTAGCAA  AGGTAATCTA  CCCTAGTCCA   180
 181  AATCTCCAAG  AACTCAAATG  GTTCCCAAGA  GATATCGTTA  AGGCAATCAA  ACATTTCCGG   240
 241  AAGAAAGTGT  TAAACGCCAA  AGACTCAGCA  ATCTACATCA  AGATTTTCAG  CAGTCTACCA   300
 301  GATTGGAAAC  AATCAGAAAG  GTTCACGCCT  TACCATTTCT  TGCAAATTGG  TATTTCCAAA   360
 361  GCAAAGAAAG  AGCTCCCAAG  CACGAAGGCA  TGTGTCGGAA  AAGATTTTCC  AACCGAGCAG   420
 421  CAGATGGCAG  CAATCAGATC  ATCAAGTCTG  AAAACCATAG  TCGAAAAATT  ACAGGAGATA   480
 481  AAAAATGACT  CAACTGTAAA  AATCAACTAT  GACTCAAGCA  CATGCATCAT  CTCGAGCAAG   540
 541  TGTACAAAAA  AGATTACCAC  GGAAGAAATT  CACAAGGTAA  AACTTTTTGA  GAAAAGATTG   600
 601  ATCAACATCA  ATCAAATCAA  CACACAAAGA  CACACAAAGA  AATTGTGGTG  TAAAATTCTA   660
 661  CAGAAAAAGT  ACGAAGAGCA  TACTGCAGTG  TCTTTGCCAG  GGGACCACCC  ACGTGACAAC   720
 721  AAAGAAGTGG  CAGACAAGTC  ACCTCAAAGT  GGAACCCATC  CACGTGATAA  AAGTATCATG   780
 781  GCAGACAGCC  GGTACAATAA  TGGGGAGGAC  AGCTTGCAAA  GCAGCCCATG  TGGAAGCCCA   840
 841  CTCACAAACG  CGTATTACGA  ACGCAGTGAC  GACATCCACT  CAAGAATTCC  ATCTATTTAA   900
 901  AGACGGATTC  ATTCCCATTT  GAAGATCATC  AATACTCAAC  CAATATTTCT  CACTCTAAGA   960
 961  AATAAAGAGC  TTTGTATTCT  TCAATGATAG  GCTAAGACCC  TAAAGAGTCT  CGAAAGAGAC  1020
1021  ATGTAGTATA  GTAAGAGTCC  TCCCAGTCCG  GGAGATTGTA  ATAAAGAGAT  CTTGTTAAGG  1080
1081  ATCC
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FIGURE 4